

Burnt Corral Vegetation Management Plan – Collaboration Field Trip

September 18th, 2014; Noon – 5:00 PM; North Kaibab Ranger District

STOP #1: Pine Hollow Even-aged Regeneration treatment near Junction of Forest Service Road (FSR) 447/FR 6416

- Even-aged regeneration seed cut from the early 1990's;
- Residual seed trees about 15 – 20 per acre;
- The managed Mill Fire occurred about 5 years ago and was a surface and controlled fire.

STOP #2: Bridger Fire with salvage logging and reforestation near Junction of FSR 427/427B

- Wildfire occurred in 1996 on about 60,000 acres; salvage logged in the late 1990's;
- Reforestation in the early 2000's;
- Pine/oak type converted to oak woodland in the bottoms with PJ along the ridge tops.

STOP #3: Even-aged stand of blackjack timber on FSR 425 at the top of the ridge before dropping into Sowats Canyon

- Extremely high basal area and tree density; about 300 sq. ft. per acre and 350 blackjack trees per acre (fixed plot);
- No regeneration in the understory and sparse forbs, shrubs, and grasses in the dense shade of the canopy;
- Susceptible to insect attack and disease as noticed by Western and Mountain pine beetle, and Dwarf-mistletoe.

STOP #4: Northern Goshawk nest area near intersection of FSR 222 and 416

- **Nest areas (goshawk)** are the areas immediately around a nest that are used by northern goshawks in relation to courtship and breeding activities. They cover approximately 30 acres and contain multiple groups of large, old trees with interlocking crowns.
- Goshawk **post-fledging family areas (PFAs)** are the areas that surround nest areas. PFAs represent an area of concentrated use by the northern goshawk family until the young are no longer dependent on adults for food. PFAs are approximately 420 acres in size (not including the nest area acres).
- Nest areas should be denser than the surrounding PFA with large trees being dominant, but not homogenous, and have interlocking crowns.

STOP #5: Patches of aspen along FSR 422 in Lookout Canyon vicinity

- Opportunities to promote and increase aspen by cutting ponderosa pine from within and around the clones;
- Increase diversity of plant and tree species at the head of the draws that funnel into Lookout Canyon;
- Improve fire resistance with openings by increasing aspen in the area.